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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)		
Caldwell, et al.)	Examiner:	To be assigned
Serial No.: 09/973,411)	Art Unit:	To be assigned
Filed: October 9, 2001)	-	c. No. T103 1300.4 No. 627-311CT3)
For: Compounds Capable of Activating Cholinergic Receptors)	(Ther Boo. 1	10. 027 311013)

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS)

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

As assignee of record of the entire interest of the above-identified patent application

REVOCATION OF PRIOR POWERS OF ATTORNEY

All powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following attorney is hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Carl B. Massey, Jr. Reg. No. 44,224 Steven D. Kerr, Reg. No. 32,472 James F. Vaughan, Reg. No. 31,889 Louis T. Isaf, Reg. No. 29,078 David Hayzer, Ph.D., Reg. No 43,329 Tom McGurk, Reg. No. 44,920 Brian J. Hairston, Reg. No. 46,750 Jack B. Hicks, Reg. No. 34,180 Craig Popalis, Reg. No. P-49,028 Lewis S. Rowell, Reg. No. 45,469. D. Scott Sudderth, Reg. No. 34,026 John J. Timar, Reg. No. 32,497 Michael A. Cicero, Reg. No. 34,562 David Bradin, Reg No 37,783 Jacqueline Austin, Reg. No. 43,329 Steven L. Schmid, Reg. No. 39,358 Kathleen Neuner Manne, Reg. No. 40,101 Jeffrey R. McFadden, Reg. No. 46,916 Robert C. Rhodes, Reg. No. 24,200

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ASSIGNMENT

WHEREAS, R.J. Reynolds Tobacco Company, a corporation of the State of New Jersey, and having a place of business at 410 N. Main Street, Winston-Salem, North Carolina 27102, is the owner of all right, title and interest in and to the invention entitled COMPOUNDS CAPABLE OF ACTIVATING CHOLINERGIC RECEPTORS, filed in the U.S. Patent and Trademark Office on March 9, 2000 and assigned Serial No. 09/522,117; on August 18, 2000 and assigned Serial No. 09/641,496; and on October 9, 2001 and assigned Serial No. 09/973,411.

WHEREAS, Targacept, Inc., a corporation of the State of Delaware, and having a place of business at 950 Reynolds Boulevard, Winston-Salem, North Carolina 27105, is desirous of acquiring the entire right, title and interest in and to the invention entitled COMPOUNDS CAPABLE OF ACTIVATING CHOLINERGIC RECEPTORS, filed in the U.S. Patent and Trademark Office on March 9, 2000 and assigned Serial No. 09/522,117; on August 18, 2000 and assigned Serial No. 09/641,496; and on October 9, 2001 and assigned Serial No. 09/973,411.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, R. J. Reynolds Tobacco Company assigns and transfers unto Targacept, Inc. its entire right, title, and interest in and to said applications, in and to any divisions, continuations, and reissues thereof, in and to any patents to issue therefrom and in and to all inventions and improvements disclosed and described in said applications, preparatory to obtaining Letters Patent of the United States therefor; and R. J. Reynolds Tobacco Company hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said applications, or from a division, continuation, or reissue thereof, to Targacept, Inc., as assignee, for its interest, and for the sole use and behalf of Targacept, Inc. and its assigns and legal representatives.

For the same consideration, R. J. Reynolds Tobacco Company does sell, assign, and transfer to Targacept, Inc. all of its right, title and interest in and to any foreign application or applications corresponding to said U.S. applications, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of Targacept, Inc. or its designee insofar as permitted by applicable law.

AND, for the same consideration, R. J. Reynolds Tobacco Company agrees to sign all lawful papers, execute all documents, including any divisional, continuing, reissue and other applications and make all assignments and rightful oaths as needed to aid Targacept, Inc., its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

R. J. Reynolds Tobacco Company

		By: Printed N Title: Date:	/ame:	David E. Townsend Executive Vice President,	R&I
STATE OF NORTH CAROLINA COUNTY OF FORSYTH)) SS		·		

On this 18th day of <u>December</u>, 2001, before me, a notary public, came <u>David E. Townsend</u>, known to me to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

SUSAN C. ELLIOTT IOTARY PUBLIC-NORTH CAROLINA COUNTY OF FORSYTH

My Commission Expires December 7, 2002

Susan C. Elliott NOTARY PUBLIC

My Commission Expires: December 7, 2002



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re applicati	ion of:)		
Caldy	vell, <i>et al</i> .)	Examiner.	To be assigned
Serial No.: 0	09/973,411)	Art Unit:	To be assigned
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For: Comp	counds Capable of Activating	j ,	•	·
Choli	nergic Receptors)		

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Assistant Commissioner for Patents Washington, D.C. 20231

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Brian J. Hairston, Reg. No. 46,750
Jack B. Hicks, Reg. No. 34,180
Craig Popalis, Reg. No. P-49,028
Lewis S. Rowell, Reg. No. 45,469.

D. Scott Sudderth, Reg. No. 34,026
John J. Timar, Reg. No. 32,497
Michael A. Cicero, Reg. No. 34,562
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Jacqueline Austin, Reg. No. 43,329
Steven L. Schmid, Reg. No. 39,358
Kafhleen Neuner Manne, Reg. No. 40,101
Jeffrey R. McFadden, Reg. No. 46,916
Robert C. Rhodes, Reg. No. 24,200

Appla. No. <u>09/973,411</u>

Assignee hereby grants said attorneys the power to insert on the Power of Attorney any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send Correspondence to:

Carl B. Massey, Jr.
Womble Carlyle Sandridge & Rice, PLLC
Post Office Box 7037
Atlanta, Georgia 30357-0037

Direct phone calls to: (336) 721-3681

A Certificate Under 37 C.F.R. §3.73(b) is attached.

Respectfully submitted,

Joseph L. Fink, III

Assistant Director

University of Kentucky Research Foundation



Certificate Under 37 C.F.R. § 3.73(b)

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Applies	ints: Caldwell, et al.					
Applica	ntion No.: 09/973,411 Filed: October 9, 2001					
For:	COMPOUNDS CAPABLE OF ACTIVATING CHOLINERGIC RECEPTORS					
1.01.						
	Targacept, Inc (Name of Assignce) (Type of Assignce, e.g. corporation, partnership, university, government agency, etc.) s that is the assignee of the entire right, title and interest in the patent application identified above the of either:					
A.[]	An Assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and trademark Office at Reel, Frame, or for which a copy thereof is attached.					
OR						
B. []	[] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:					
	1. From: Inventors To: R.J. Reynolds Tobacco Company					
	The document was recorded in the Patent and Trademark Office at					
	Reel 9487, Frame 0351, or which a copy thereof is attached.					
	2. From: R.J. Reynolds Tobacco Company To: Targacept, Inc.					
	The document was recorded in the Patent and Trademark Office at					
	Reel, Frame, or which a copy thereof is attached.					
	3. From: To:					
	The document was recorded in the Patent and Trademark Office at					
	Reel, Frame, or which a copy thereof is attached.					
	[] Additional documents in the chain of title are listed on a supplemental sheet.					
[] Co	pies of assignments or other documents in the chain of title are attached.					
The una	dersigned has reviewed all the documents in the chain of title of the patent application identified and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.					
I hereby made of that will Section	dersigned (whose title is supplied below) is empowered to act on behalf of the assignee. y declare that all statements made herein of my own knowledge are true, and that all statements are in information and belief to be true; and further, that these statements are made with the knowledge liful false statements, and the like so made, are punishable by fine or imprisonment, or both under 1 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize idity of the application of any patent issuing thereon.					
Name:	Don Kirksey, Ph.D. Date:					
Title: Vice President, Corporate and Business Development						
Signate	ure:					



Certificate Under 37 C.F.R. § 3.73(b)

		Caidwell, et			
Applies	ation No.:	09/973,411	Filed:	October 9, 2001	
For:	COM	POUNDS CA	PABLE OF ACTIVA	TING CHOLINERGIC REC	CEPTORS
Unive	rsity of K	entucky Res	earch Foundation.	a not-for-profit Kentue	cky corporation
certifie	(1)	lame of Assignee) e assignee of t	(Type of Assign	ee, e.g. corporation, partnership, univer nd interest in the patent appl	sity, government agency, etc.)
A. [X]	was recor	nment from the ded in the Pati eof is attached	ent and trademark O	natent application identified a fice at Recl 9487, Frame (bove. The assignment 351, or for which a
OR					
B. []		f title from the is shown below		natent application identified a	hove, to the current
	1. F	rom:		To:	
	Т	he document	was recorded in the I	atent and Trademark Office	at
				or which a copy thereof is at	
	2. F	rom:		To:	
			was recorded in the I	atent and Trademark Office	at
				or which a copy thereof is at	
	3. F	rom: _		To:	
	T	he document	was recorded in the F	atent and Trademark Office	at
	R	eel,	Frame	or which a copy thereof is att	ached.
	[] Addi	tional docume	nts in the chain of ti	tle are listed on a supplement	al sheet.
[] Co	ppies of ass	signments or o	ther documents in th	e chain of title are attached.	
				he chain of title of the patent and belief, title is in the assign	
I hereb are ma knowle both un	y declare t de on info dge that w ider Section	that all statem ormation and illful false sta m 1001, Title	ents made herein of belief to be true; a tements, and the like	mpowered to act on behalf of my own knowledge are true and further, that these statem so made, are punishable by thes Code, and that such will at issuing thereon.	e, and that all statements ents are made with the fine or imprisonment, or
Name:	Joseph	L. Fink, III		Date: Decemb	e 14, 2001
Title:	Assistant	Director	-		
Signatu	re: J/	LIFE	<u>T</u>		
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